

ABSTRACT

A method and apparatus for wrapping existing procedure oriented program into component based system are disclosed. In identification algorithm identifying a function capable of being reused in an existing system, user adjusts weighting value of basic constituent elements on the basis of only a general knowledge of a system such as use case without detailed knowledge about the system, so that a business logic is identified easily in top-down, and that a workflow of the system is identified in bottom-up to component wrap the identified business logic, thereby generating automatically the necessary constraint condition and the external interface.